



RECOMMENDED PCB LAYOUT(TOP VIEW)

- NOTE:
- 1.MATERIAL SPECIFICATION:
 - 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC:UL94 V-0.
 - 2.CONTACTS:COOPER ALLOY
 - 3.MID PLATE: STAINLESS STEEL
 - 4.FRONT SHELL: STAINLESS STEEL
 - 2.PLATING SPECIFICATION:
 - 2-1.CONTACTS:
 - Ni 50μ" MIN. UNDER PLATED OVER ALL.
 - AU PLATED ON THE FUNCTIONAL AREA OF CONTACT.
 - (GOLD PLATING THICKNESS FOLLOW THE P/N)
 - 2-2.FRONT SHELL:
 - SEE TABLE1.
 - 2-3.SHIELD PLATE&EMI PLATE:
 - CLEAR ONLY
 - 3.MECHANICAL PERFORMANCE:
 - 3-1.INSERTION FORCE: 0.5~2.0kgf.
 - 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
 - 3-3.DURABILITY: 10000 CYCLES.
 - 4.ELECTRICAL PERFORMANCE:
 - 4-1. CURRENT RATING:5.0A
 - VOLTAGE RATING:5.0V
 - 4-2. I.C.R:
 - VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
 - SHIELD: 50mΩ/MAX
 - LCR MAX: CHANGE OF ALL PINS: 10mΩ.
 - 4-3.INSULATION RESISTANCE: 100MΩ MIN
 - 4-4.DIELECTRIC WITHSTAND VOLTAGE:AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE: -25°C~+85°C.
 - 6.I.R REFLOW:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

PIN ASSIGNMENTS

A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2
PIN	SIGNAL NAME	PIN	SIGNAL NAME

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS:	ANGLES	TITLE	Part No.	PROL.
X. ±0.20	X. ±2°	TYPE-C 6Pin 全封装(带双压片)	Part No.	①
X.X ±0.15	X.X' ±1'	Checked: PETER LIU	SCALE: 1:8	UNIT: mm
X.XX ±0.10	X.XX' ±0.5'	Approved: JACK D	SIZE: A4	SHEET: 1 of 1
X.XXX ±0.05			CUSTOMER COPY	REV: A

UNLESS OTHERWISE SPECIFIED TOLERANCES

深圳市金航标电子有限公司 WWW.BDS666.COM

KH-TYPE-C-W-STM-6P-T 0755-83044319